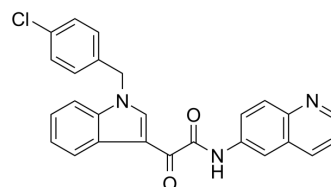


Entasobulin

Cat. No.:	HY-16777		
CAS No.:	501921-61-5		
Molecular Formula:	C ₂₆ H ₁₈ ClN ₃ O ₂		
Molecular Weight:	439.89		
Target:	Microtubule/Tubulin		
Pathway:	Cell Cycle/DNA Damage; Cytoskeleton		
Storage:	Powder	-20°C	3 years
		4°C	2 years
	In solvent	-80°C	2 years
		-20°C	1 year



SOLVENT & SOLUBILITY

In Vitro	DMSO : 155 mg/mL (352.36 mM; Need ultrasonic)			
		Solvent Concentration	Mass	
			1 mg	5 mg
			10 mg	
Preparing Stock Solutions	1 mM	2.2733 mL	11.3665 mL	22.7330 mL
	5 mM	0.4547 mL	2.2733 mL	4.5466 mL
	10 mM	0.2273 mL	1.1366 mL	2.2733 mL
Please refer to the solubility information to select the appropriate solvent.				
In Vivo	1. Add each solvent one by one: 10% DMSO >> 90% corn oil Solubility: ≥ 2.58 mg/mL (5.87 mM); Clear solution			

BIOLOGICAL ACTIVITY

Description	Entasobulin is a β-tubulin polymerization inhibitor with potential anticancer activity.
IC ₅₀ & Target	β-tubulin polymerization
In Vitro	Entasobulin is a indolizine-glyoxylamide based small molecule that demonstrate substantial in vitro anti-proliferative activities against cancer cell lines, including multidrug resistance (MDR) phenotypes. MCE has not independently confirmed the accuracy of these methods. They are for reference only.

CUSTOMER VALIDATION

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- Patent. US20210102208A1.
 - Patent. US20180057813A1.

See more customer validations on www.MedChemExpress.com

Caution: Product has not been fully validated for medical applications. For research use only.

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